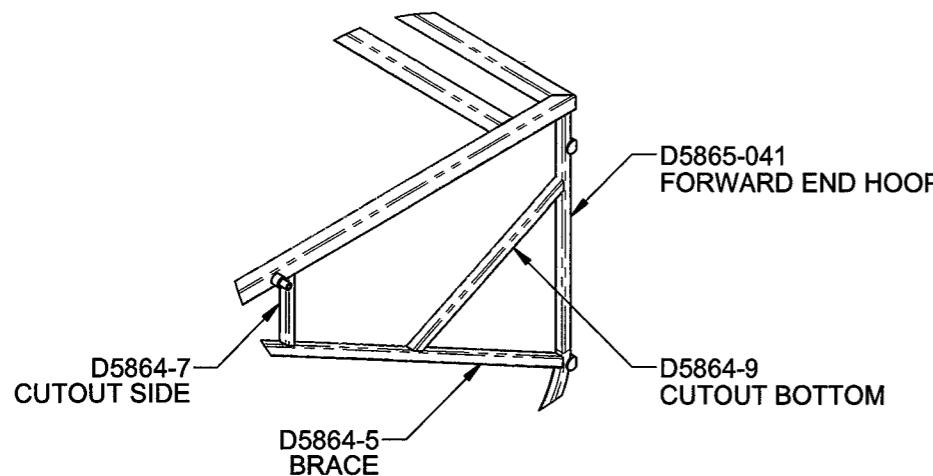


QTY -042	P/N	DESCRIPTION
X	D5864-042	WIDE BASKET BODY
2	D5806-1	LONG RIM
1	D5806-5	SPINE
2	D5806-9	SPINE
3	D5810-7	HINGE RIB
1	D5845-7	SIDE RIM
1	D5848-1	SPINE
1	D5853-043	BASKET RIM WELDMENT
2	D5857-041	HOOP WELDMENT
1	D5857-1	HOOP
1	D5864-3	HINGE SUPPORT
2	D5864-5	BRACE
1	D5864-7	CUTOUT SIDE
1	D5864-9	CUTOUT BOTTOM
1	D5864-12	AFT END MESH
1	D5864-13	FORWARD END MESH
1	D5864-15	BODY MESH
1	D5865-041	FORWARD END HOOP
1	D5866-042	AFT END HOOP



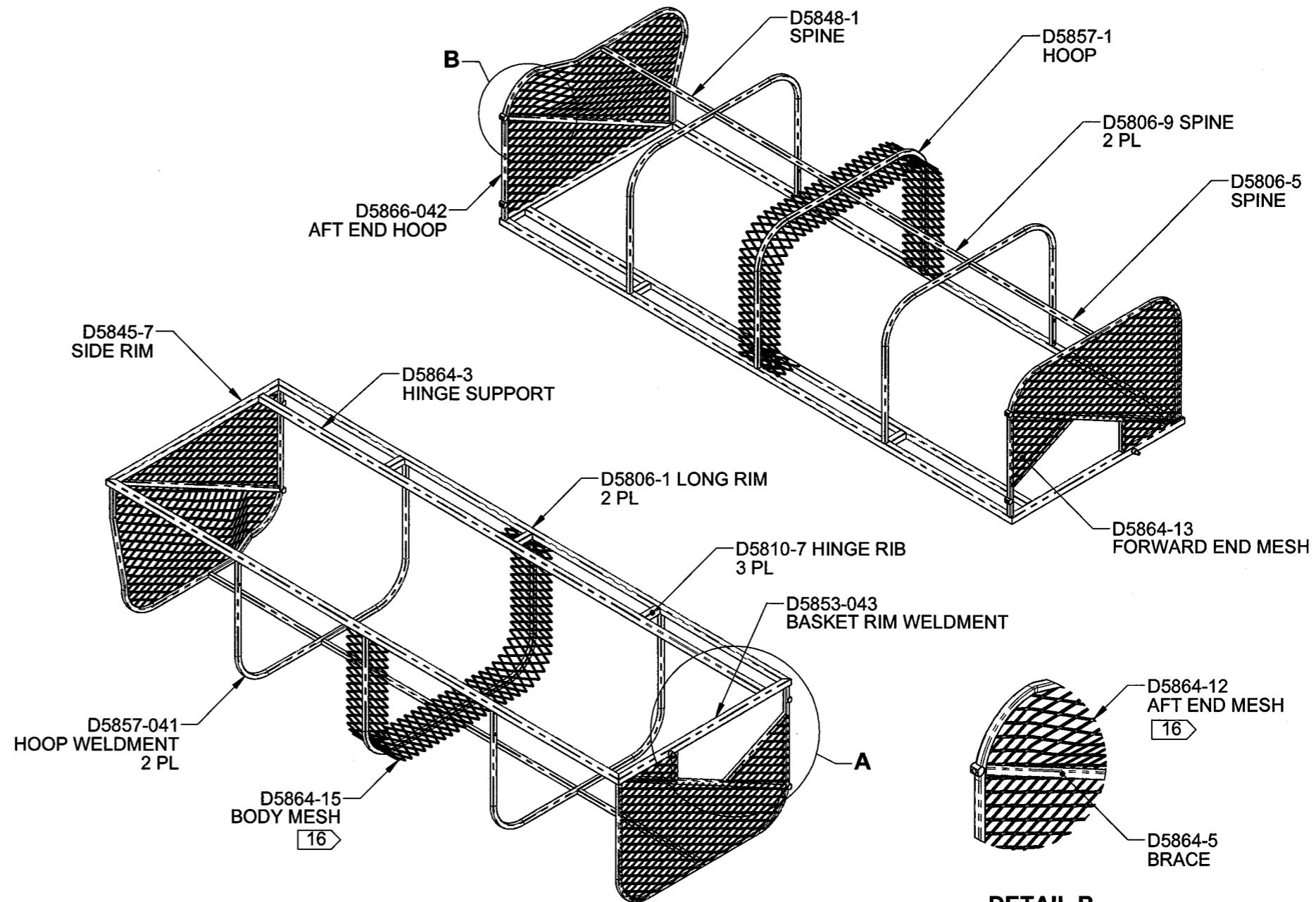
DETAIL A
(FORWARD END MESH HIDDEN FOR CLARITY
SCALE 1.75X)

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: WHITE GLOSS POWDER COAT PER D
- 3) TOLERANCES: PER DART QSI 018 UNLESS O
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044

A

- 3) IDENTIFICATION PER DART QSI 041
- 7) WEIGHT: 33.08 lbs
- 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
- 9) DRILL #30 (ϕ 0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH
- 10) WELD FIRST 5 MESH INTERSECTIONS DOWN EACH SIDE, THEN WELD EVERY SECOND
- 11) WELD EVERY MESH INTERSECTION ON FOWARD AND AFT END HOOPS
- 12) WELD EVERY MESH INTERSECTION ON SPINES
- 13) WELD EVERY MESH INTERSECTION ON BRACE AND CUTOUTS
- 14) WELD EVERY MESH INTERSECTION ON HINGE SUPPORT AND HINGE RIBS
- 15) WELD EVERY MESH INTERSECTION ON RIM
- 16) FORM AND TRIM MESH TO FIT AFT END HOOP AT TIME OF WELDMENT

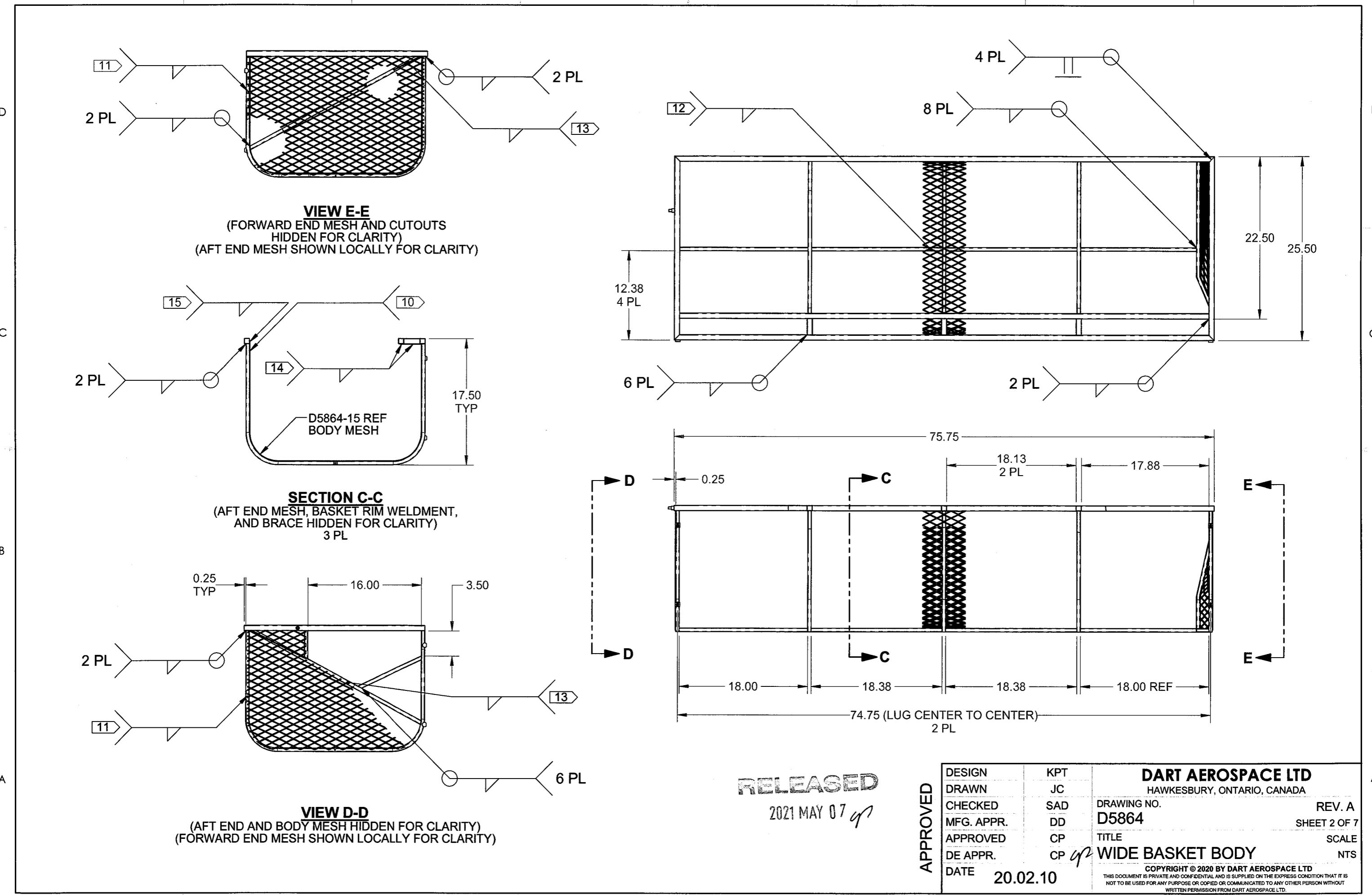


D5864-042 WIDE BASKET BODY
(DERIVED FROM AERO DESIGN P/N 94511-01)
(MESH SHOWN LOCALLY FOR CLARITY)

RELEASED
2021 MAY 07
HR ECR 21-137 97

ADDRESS

A	NEW ISSUE			JC	20.02.10
REV.	DESCRIPTION			BY	DATE
DESIGN	KPT			DART AEROSPACE LTD	
DRAWN	JC			HAWKESBURY, ONTARIO, CANADA	
CHECKED	SAD			DRAWING NO.	
MFG. APPR.	DD			REV. A	
APPROVED	CP			SHEET 1 OF 7	
DE APPR.	CP 97			TITLE	
DATE	20.02.10			SCALE	
WIDE BASKET BODY					
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D

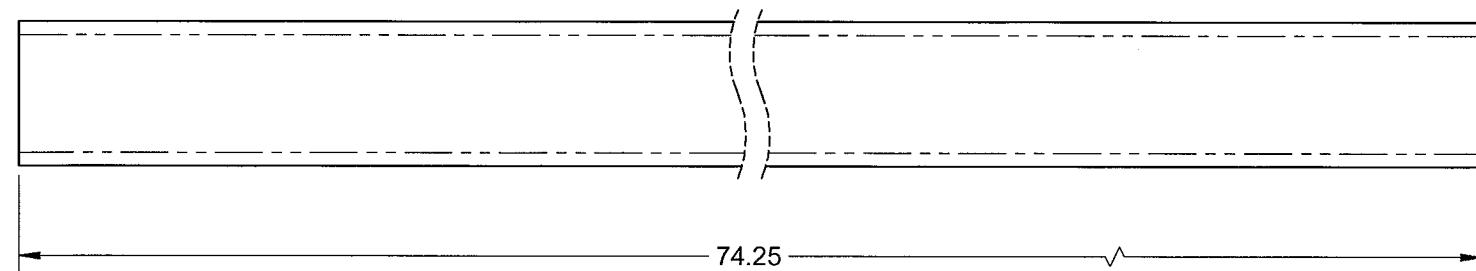
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C

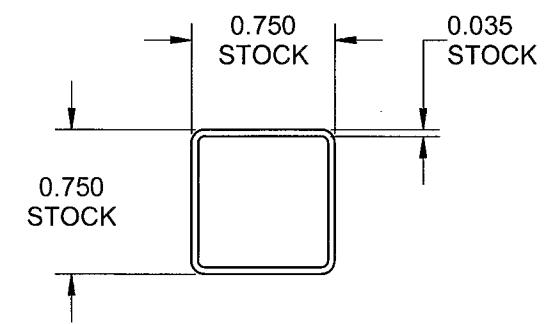
C

B

B



D5864-3 HINGE SUPPORT



- NOTES:**
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 0.750 WIDTH X 0.035 WALL
PER MIL-T-6736, AMS 6360/6371/6373
REF DART SPEC M4130N-TS0.750W.035
 - 2) FINISH: N/A
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: PER DART QSI 044
 - 7) WEIGHT: 2.04 lbs

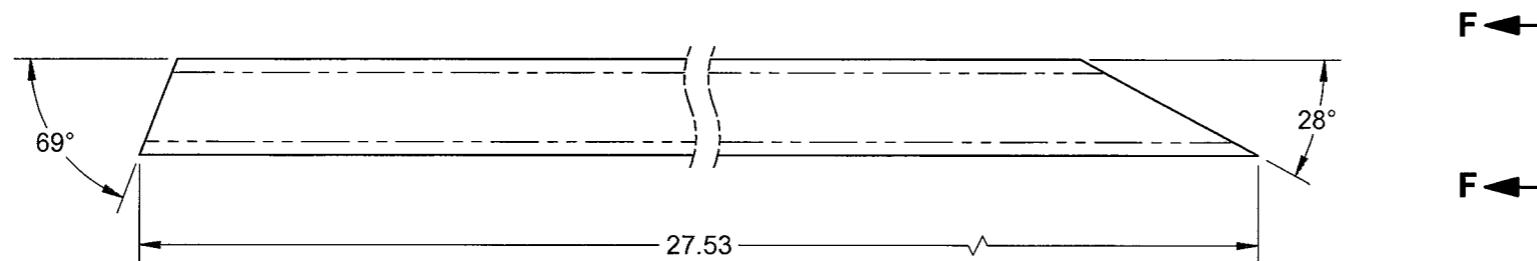
RELEASED

2021 MAY 07 *gp*

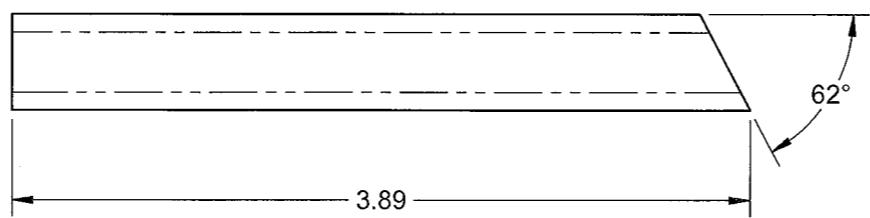
APPROVED

DESIGN	KPT	DART AEROSPACE LTD
DRAWN	JC	HAWKESBURY, ONTARIO, CANADA
CHECKED	SAD	DRAWING NO.
MFG. APPR.	DD	D5864
APPROVED	CP	REV. A
DE APPR.	CP <i>gp</i>	SHEET 3 OF 7
DATE	20.02.10	SCALE
		NTS
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		NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
		WRITTEN PERMISSION FROM DART AEROSPACE LTD.

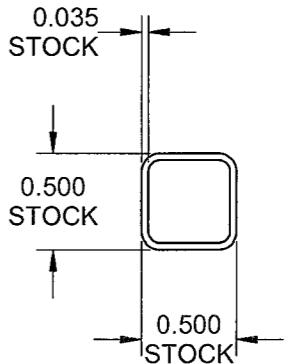
D

**D5864-5 BRACE**

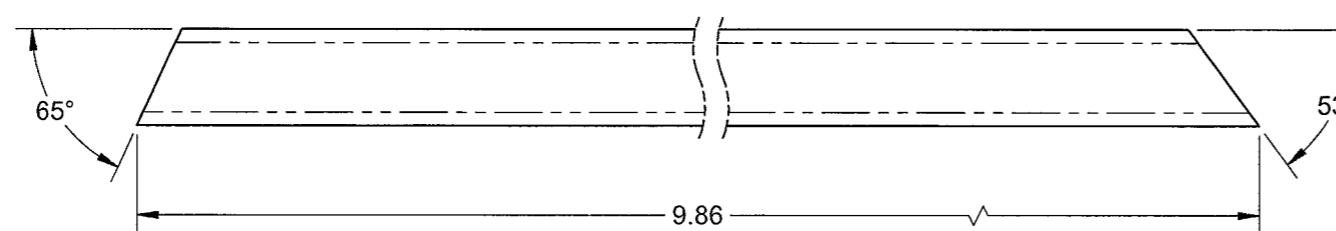
C

**D5864-7 CUTOUT SIDE**

D

**VIEW F-F**

B

**D5864-9 CUTOUT BOTTOM**

APPROVED

RELEASED

2021 MAY 07 GP

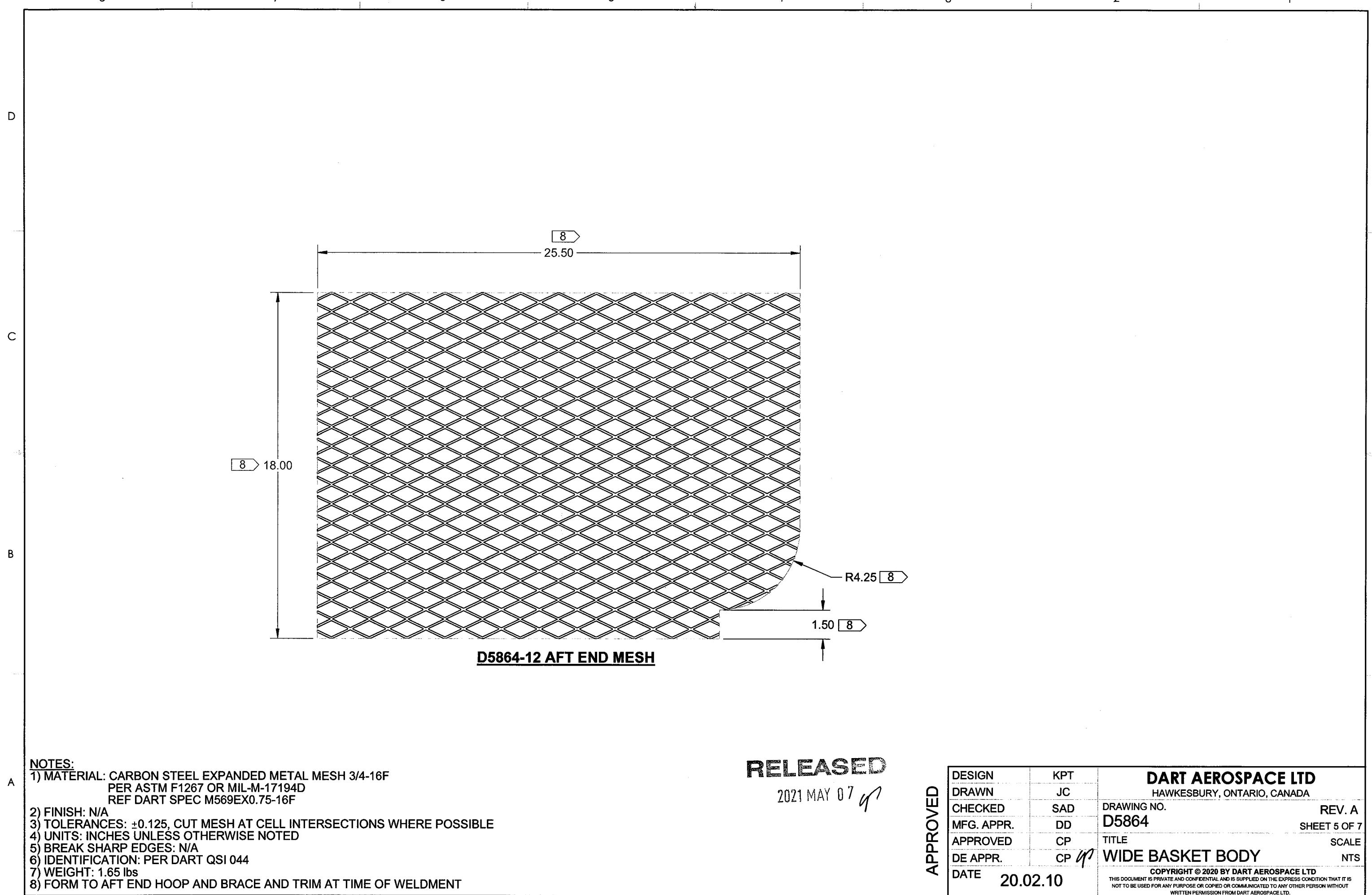
DESIGN	KPT	DART AEROSPACE LTD
DRAWN	JC	HAWKESBURY, ONTARIO, CANADA
CHECKED	SAD	DRAWING NO.
MFG. APPR.	DD	D5864
APPROVED	CP	REV. A
DE APPR.	CP	SHEET 4 OF 7
DATE	20.02.10	SCALE
	GP	NTS

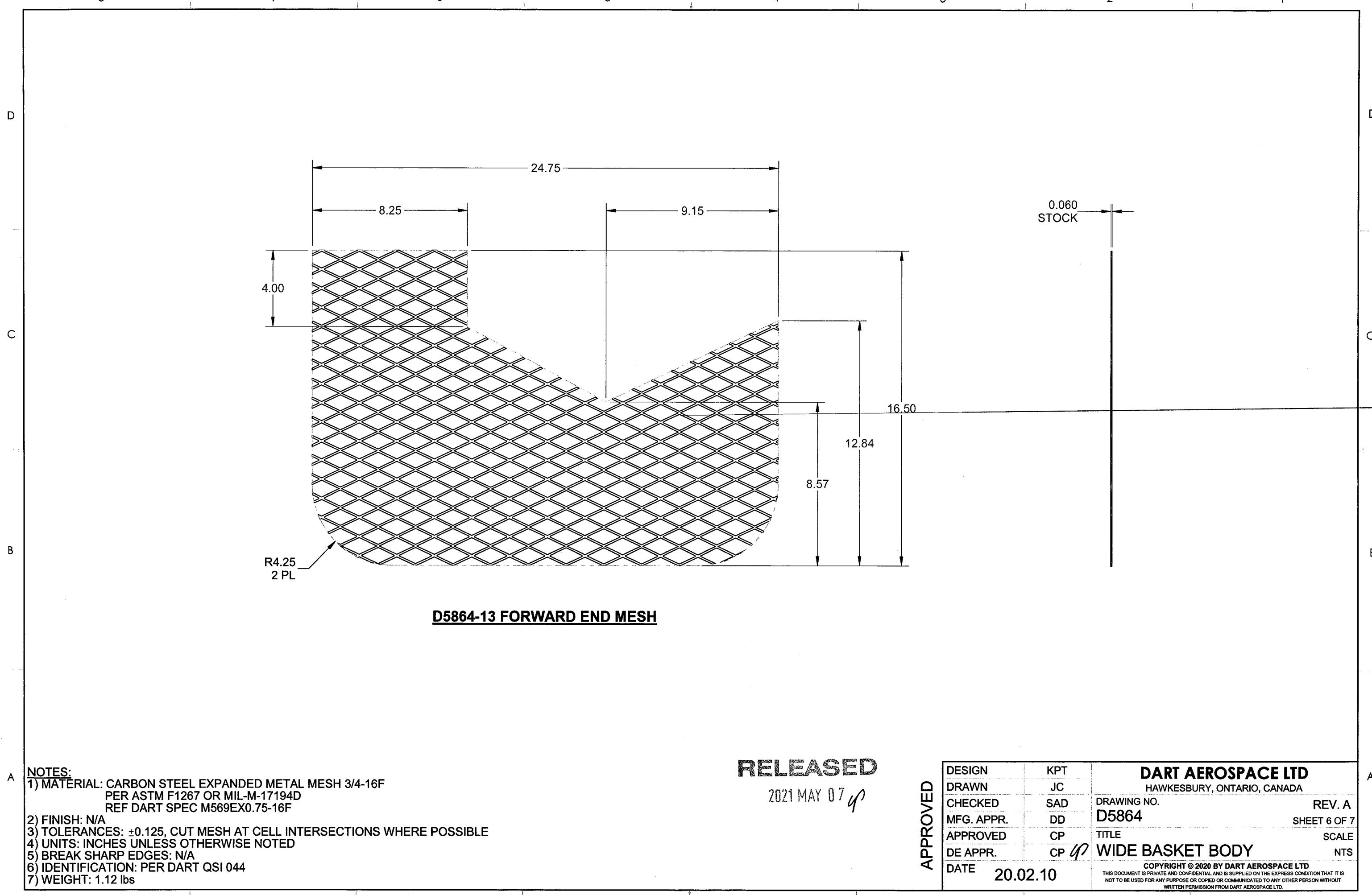
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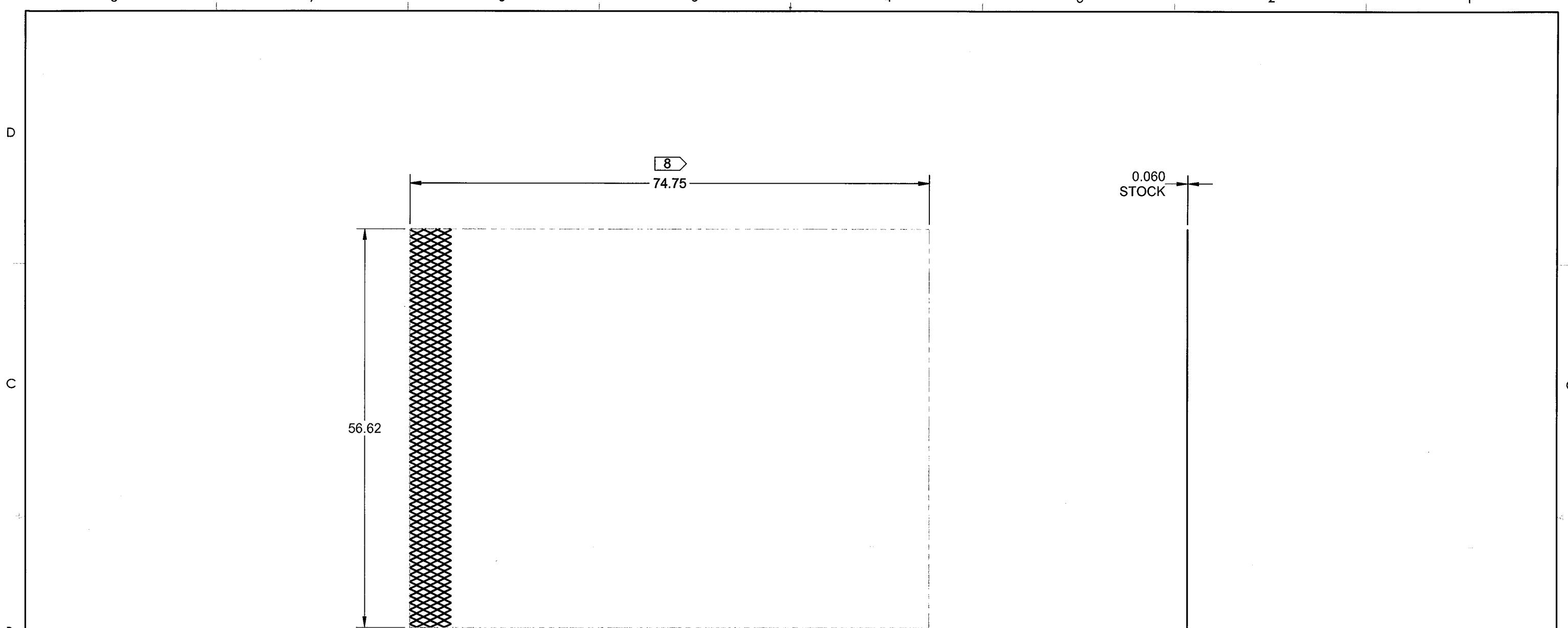
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 0.500 WIDTH X 0.035 WALL
PER MIL-T-6736, AMS 6360/6371/6373
REF DART SPEC M4130N-TS0.500W.035
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: -5: 0.47 lbs
-7: 0.06 lbs
-9: 0.17 lbs

B

A







D5864-15 BODY MESH
(FLAT VIEW, MESH SHOWN LOCALLY FOR CLARITY)

A

NOTES:

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F
PER ASTM F1267 OR MIL-M-17194D
REF DART SPEC M569EX0.75-16F
- 2) FINISH: N/A
- 3) TOLERANCES: ± 0.125 , CUT MESH AT CELL INTERSECTIONS WHERE POSSIBLE
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER DART QSI 044
- 7) WEIGHT: 15.45 lbs
- 8) TRIM MESH TO FIT AFT END HOOP AT TIME OF WELDMENT

RELEASED

2021 MAY 07 *jp*

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CHECKED	SAD	DRAWING NO.	
MFG. APPR.	DD	D5864	
APPROVED	CP	REV. A	
DE APPR.	CP <i>jp</i>	SHEET 7 OF 7	
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